

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/42982

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C12N 5/00, 5/02, 5/04, 5/06

US CL : 435/325, 404, 405, 406, 408

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/325, 404, 405, 406, 408

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

GibcoBRL product catalog 1995-1996 and Invitrogen on-line catalog

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Extra Sheet.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,071,412 A (EISENBERG et al.) 31 January 1978, see entire document.	1-39
A	US 4,615,978 A (SANDINE et al.) 07 October 1986, see entire document.	1-39
A	US 5,474,931 A (DISORBO et al.) 12 December 1995, see entire document.	1-39
A	WO 94/27645 A1 (PORTON INTERNATIONAL PLC) 08 December 1994, see entire document.	2-4



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

07 APRIL 2002

Date of mailing of the international search report

07 MAY 2002

Name and mailing address of the ISA/US  
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## B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

WEST (patent documents and technical bulletins) and DIALOG databases: MEDLINE, SCISEARCH, BIOSIS

search terms: Richard Milton Fike, Richard Francis Hassett, Barbara Mary Dadey, Robert Chester Radominski, auto?  
near ph, ph near adjust?, cell culture media, cell growth media, complete near powder, rehydration